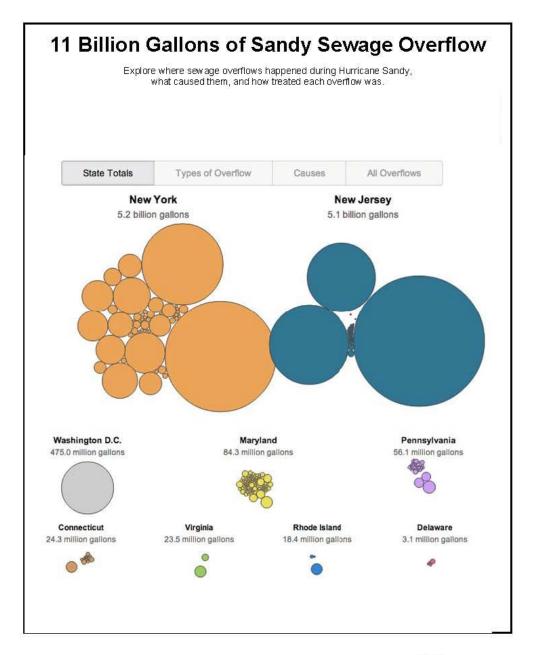


Water Infrastructure Impacts

- Overall 11 billion gallons of Sandy sewage overflow (VA, DC, MD, DE, NJ, PA, NY, RI, CT)
 - http://widgets.climatecentral.org/SandySewage/testing.html
- ~ 80 sewage treatment plants affected (lost power or damaged) in NJ, inc. PVSC
- Both NJ and NY issued recreational and shellfish advisories



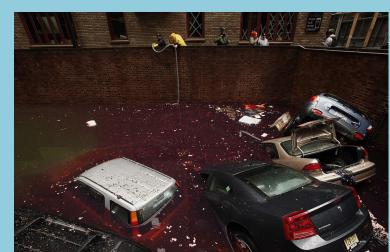




- Advising recreational boaters, anglers, and crabbers to temporarily avoid these waterways
- Advising residents not to eat any fish, crustaceans or shellfish from these waters
- Thoroughly Wash, clean and disinfect fishing gear
- Hudson, Passaic, Hackensack, Newark Bay, Kill
- Van Kull, Arthur Kill, Raritan Bay, Raritan River and Sandy Hook Bay
- Expanded to Northern BB, Metedeconk, Toms
 River and smaller tribs; 11/5/12

NYC DOH: Recreational Advisory 10/31/12

- Advising avoidance of direct contact for recreational activities – swimming, canoeing, kayaking, windsurfing or other related water activities
- Covered Hudson River, East River, New York Harbor, Jamaica Bay, Kill Van Kull



Timeline – lifting advisory in NJ

- December 7, 2012 boating fishing and crabbing allowed; recreational and commercial shellfish harvest is prohibited
 - Hudson, Passaic, Hackensack, Newark Bay, Kill Van Kull, Arthur Kill, Sandy Hook Bay, upper Barnegat Bay
- April 10, 2013 lifted for Raritan Bay

